VSI-Pro Remote Programming Function

The VSI-Pro Version 13.00 Release 12 now has the ability to upload or download all the programming settings and history files via a PC Windows based application. Customer or specific registers configurations can now be saved in a laptop for ease of service and programming. You can set the VSI-Pro clock in sync with a laptop or manually enter. Simple keyboard strokes can enter titles, exceptions and trigger strings quickly and easily. This is accomplished by using a Com port of the laptop or a USB to RS-232 adapter. Auto connection time out and error recovery guarantees the VSI-Pro will function under any condition including cable breakage, power down of laptop or VSI-Pro and accidentally hitting reset on the VSI-Pro during connection.

Software Installation

Click Setup.exe for the VSI-Pro Program Download V1.0
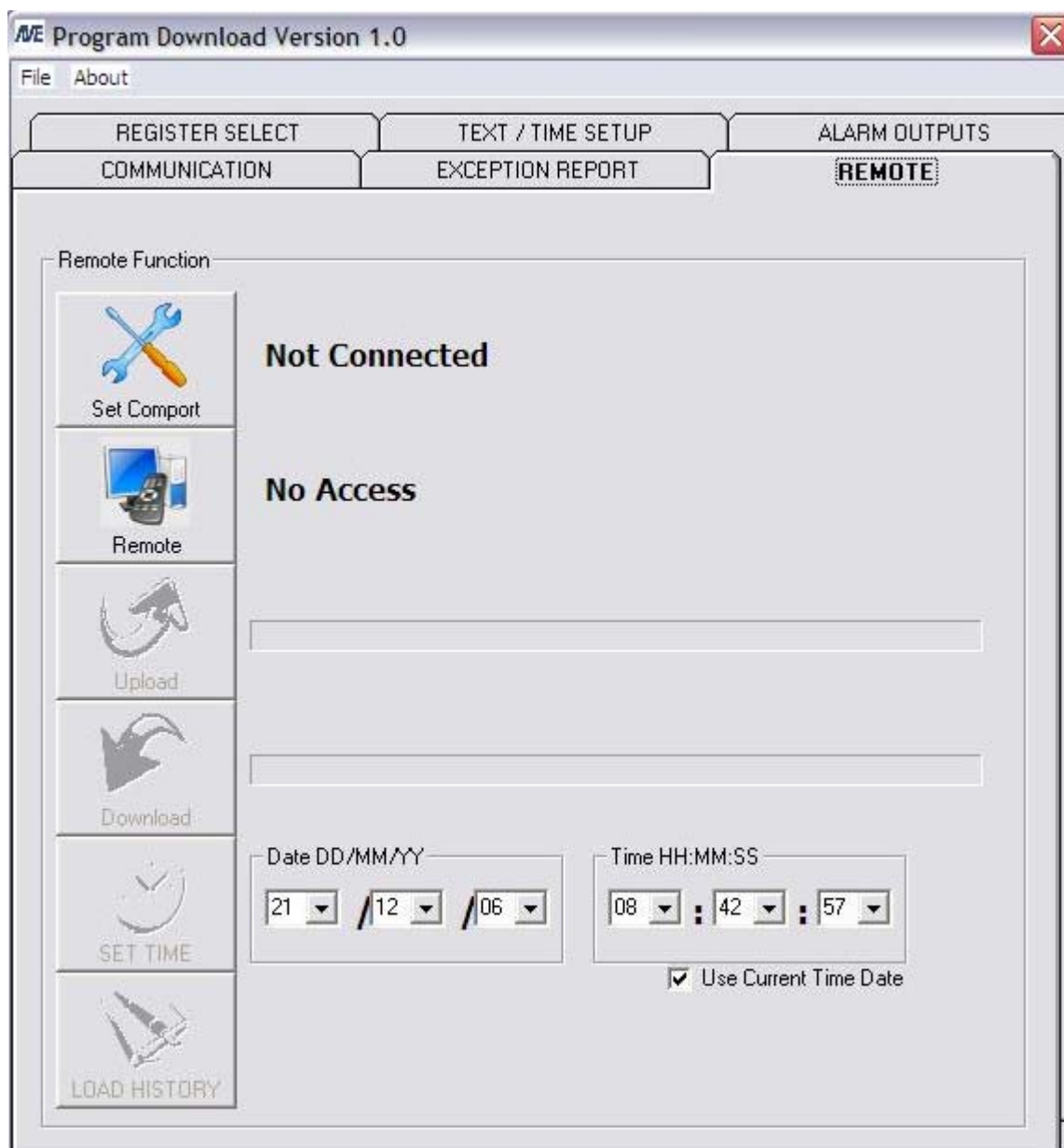After installation is complete, run the program. The following window will be loaded.

Click the Tab "Remote" and you will see the following Menu.

Click on "Set Comport". If the VSI-Pro is in the "Baudrate Detection" Mode then you can set any baud rate and the VSI-Pro will self configure. However if the VSI-Pro is already set to a baud rate you must select the exact baud rate and communication configuration in the VSI-Pro for connection to occur. If the unit does not display "Connected" then you have either entered the wrong baud rate or communication settings or a cable problem or the VSI-Pro not powered.

Once connected then click "Remote" and will display "Accessed" or will go back to "No Access" if the baud rate or cable connection is not proper and will also go back to "Not Connected" so you can reset the communication settings.

Once you have "Access" then you can do any function on this menu screen. "Upload" data which reads the current settings of the VSI-Pro into the PC. "Download" which sends the PC settings to the VSI-Pro. "Set Time" can set a new time or PC sync time to the VSI-Pro. "Load History" reads the History File of Exceptions from the VSI-Pro and saves as a text file on the PC.

Note: If the cable is disconnected, VSI-Pro reset or powered down, PC program closed, the PC and/or the VSI-Pro has a 30 second timeout and will reset itself for normal operation.

File Menu

"Open" allows you to select a file which contains a previously saved version of all the VSI-Pro setups.

"Open History" allows you to view a previously saved History File downloaded from the VSI-Pro.

"Save" allows you to save a current set of VSI-Pro settings that are configured in the program or previously uploaded from the VSI-Pro.

About Menu

"Help" gives you all the help topics of the VSI-Pro Program Download Ver. 1.0.

"VSI-Pro Manual" is an online .pdf of the current VSI-Pro manual for easy reference to all the setups and programming features and applications of the VSI-Pro.

"About" shows you the version and release of this software.

Communication Cable Pin Out

The Com cable is RS-232 from the PC or laptop to the VSI-Pro as follows. This cable can be no more than 100' but if additional length is required you will need a set of the AVE RS-232 to RS-422 adapter which will extend the range to 3000'

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PC / Laptop             VSI-Pro
DB9F                    DB9M
2 ----------------------------------- 3
3 ----------------------------------- 2
5 ----------------------------------- 5
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